

**GOVERNMENT OF TELANGANA  
ABSTRACT**

Irrigation & CAD Department - Scheme of Incentivisation for Bridging Irrigation Gap (ISBIG) – Administrative approval accorded – Orders – Issued.

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**IRRIGATION & CAD (MI.2) DEPARTMENT**

**G.O.Rt.No. 966**

**Dated: 31-07-2018**

**Read the following:-**

1. From the Commissioner (CAD), GOI, Ministry of Water Resources, River Development and Ganga Rejuvenation, New Delhi, D.O.No.15011/6/2016-CADWM-2369, Dated 16-12-2016.
2. From the Commissioner (CAD), GOI, Ministry of Water Resources, River Development and Ganga Rejuvenation, New Delhi, D.O.No.19011/27/2016-CADWM-415, Dated 1-8-2017
3. From the Commissioner, CADA, Hyderabad, Lr.No.Com/CAD/ISBIG/DEE/AEE/F-3, Dated 21-8-2017.
4. From the Commissioner, CADA, Hyderabad, Lr.No.Com/CAD/ISBIG/DEE/AEE/F-3, Dated 03-07-2018.

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In the letter 1<sup>st</sup> read above, the Commissioner, (CAD), GOI, Ministry of Water Resources, River Development and Ganga Rejuvenation, New Delhi has informed **that** while approving the scheme of 99 prioritized AIBP projects, the Government has decided for taking up Command Area Development & Water Management (CADWM) works of all other projects through a anew scheme of Incentivization for Bridging gap between Irrigation Potential Created (IPC) and Irrigation Potential Utilized (IPU). Accordingly a new scheme is being formulated with the aims of (i) completion of CADWM works with correction of system deficiencies in canal network for bridging gap between IPC and IPU (ii) Improve the water use efficiency in irrigation and providing assured supply of water to each farm field and (iii) transfer of control and management of irrigation system to the Water User Association..

2. In the letter 2<sup>nd</sup> read above, the Commissioner, (CAD), GOI, Ministry of Water Resources, River Development and Ganga Rejuvenation, New Delhi has also informed that the Central and State share in the scheme has also been mapped for Telangana State as per currently considered State Level estimates and presented. The presented computation excludes the impact of price escalation for the duration of scheme, which is expected to be about 6.10% over and above the base level cost as brought out of the Concept Note and requested that the finalized component – wise extent of involvement of Telangana State along with Government level willingness duly concurred by Finance Department be intimated.

3. In the references 3<sup>rd</sup> and 4<sup>th</sup> read above, the Commissioner, CADA, Hyderabad has informed that the Government of India, Ministry of Water Resources in principle agreed to include 28 completed Major and Medium Projects of Telangana State under Incentivisation Scheme for Bridging Irrigation Gap (ISBIG) scheme and the scheme aims for:

- a) Completion of CADWM works along with correction of system deficiencies in canal network for bridging the gap between Irrigation Potential Created (IPC) and Irrigation Potential Utilized (IPU);
- b) Improving the water use efficiency in irrigation and providing assured supply of water to every farm field; and

**PTO**

- c) Transfer of control and management of irrigation system to the Water User's Associations (WUAs)

4. The Commissioner, CADA, Hyderabad has requested to accord administrative approval for implementation of the proposed Centrally Sponsored Scheme of Incentivisation Scheme for Bridging Irrigation Gap (ISBIG) for a total estimated cost of Rs. **1784.458 Crores** as per scheme component wise and Cost category-wise under the Head of Account 4705-CAD-MH-102-GH- 12 Centrally Sponsored Schemes- SH (06) - 530 Major Works- 531- Other expenditure". The Commissioner, CADA has also requested for permission for going ahead with the process for finalizing the consultancies for preparation of Detailed Project reports (DPRs) for 28 projects at the rate of Rs.1360/- per Ha ( Rs. 550/- per Acre) as finalized by the Engineer-in-Chief (Irrigation) and approval for booking of consultancy cost for preparation of DPRs under the above Head of Account.

5. After careful examination of the matter, Government hereby accord administrative approval for an amount of Rs.1784,45,80,000/- (Rupees seventeen hundred and eighty four crores, forty five lakhs and eighty thousand only) for the proposed Centrally Sponsored Scheme of Incentivisation Scheme for Bridging Irrigation Gap (ISBIG). Government also accord permission to the Commissioner, CADA, Hyderabad for going ahead with the process for finalizing the consultancies for preparation of Detailed Project reports (DPRs) for 28 projects at the rate of Rs.1360/- per Ha ( Rs. 550/- per Acre) and approval for booking of consultancy cost for preparation of DPRs.

6. The Component wise Cost and category-wise cost of the project along with details of 28 completed Major and Medium Projects of Telangana State included under Incentivisation Scheme for Bridging Irrigation Gap (ISBIG) scheme are annexed to this order.

7. The expenditure is chargeable under the Head of Account 4705-CAD-MH-102-GH-12 Centrally Sponsored Schemes- SH (06) - 530 Major Works- 531- Other expenditure"

8. This order issues with the concurrence of Finance (EBS-IX) Department vide their U.O.No.11009/554/A2/EBS.IX/17, Dated 28-10-2017.

**(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)**

**VIKAS RAJ**

**PRINCIPAL SECRETARY TO GOVERNMENT**

To

The Engineer-in-Chief (Irrigation), Hyderabad.

The Commissioner, CADA, Errumanzil, Hyderabad.

**Copy to:**

All the concerned Chief Engineers through E-In-C (Irrg).

The Accountant General. AP & Telangana, Hyderabad.

The P.S. to Secretary to Chief Minister.

The P.S. to Minister for Irrigation.

The P.S. to Chief Secretary to Government.

The P.S. to Spl. Chief Secretary, I & CAD.

The P.S. to Principal Secretary to Government.

The Dy. Secretary to Government (S).

The Finance (EBS-IX) Department.

Sf/Sc.

**//forwarded by order //**

**SECTION OFFICER**

**Annexure to G.O.Rt.No.966 I & CAD (MI) Department, Dated 31-07-2018.**

The basic details of Incentivisation Scheme for Bridging Irrigation Gap (ISBIG) are

| S.No | Target Item                            | Unit        | Total Target |
|------|--|-------------|--------------|
| A    | Total Project CCA                      | Thousand Ha | 471.949      |
| B    | Balance CCA                            | Thousand Ha | 241.796      |
| C    | OFD CCA Target (70% of B)              | Thousand Ha | 169.2572     |
| D    | Micro-Irrigation CCA Target (30% of B) | Thousand Ha | 72.5388      |
| E    | Solar power CCA Target (30% of D)      | Thousand Ha | 21.76164     |
| F    | Conjunctive use CCA Target (30% of C)  | Thousand Ha | 50.77716     |
| G    | PIM-WUAs Target (per 500 Ha of B)      | No.         | 483          |
| H    | State's existing WALMIs/IMTIS          | No.         | 1            |

| S.No  | Scheme Component                       | Unit | Target Qty | Rate (Rs) | Amount (Rs.Cr)   |
|---|--|------|------------|-----------|------------------|
| <b>(I) STRUCTURAL INTERVENTION</b>              |  |      |            |           |                  |
| i   | On Farm Development Works              | Ha   | 169257     | 35000     | 592.3995         |
| ii  | Correction of System deficiency*       | Ha   | 471949     | 13000     | 395.00           |
| iii   | Infrastructure for micro irrigation    | Ha   | 72538      | 50000     | 362.69           |
| iv  | Installation of solar power system     | Ha   | 21761      | 50000     | 108.805          |
| v   | Conjunctive use of groundwater         | Ha   | 50777      | 9000      | 45.6993          |
| vi  | Pilot project for canal automation     | No.  | 1          | 500000000 | 50.00            |
| <b>Sub Total of Structural Intervention</b>     |  |      |            |           | <b>1554.5938</b> |
| <b>(II) NON-STRUCTURAL INTERVENTION</b>         |  |      |            |           |                  |
| vii   | Transfer of irrigation system to WUAs  | No.  | 483        | 1600000   | 77.28            |
| viii  | Modernization/extension of WALMIs      | No.  | 1          | 500000000 | 50.00            |
| ix  | Incremental Establishment in States ** | LS   |            |           | 97.8597          |
| x   | Capacity building of PIAs & WUAs ***   | LS   |            |           | 4.7245           |
| <b>Sub Total of Non-Structural Intervention</b> |  |      |            |           | <b>229.8642</b>  |
| <b>GRAND TOTAL</b>                              |  |      |            |           | <b>1784.458</b>  |

|   |                        |
|---|------------------------|
| * Cost of CSD restricted to one-third of cost of other components (i.e. OFD, Micro Irrigation, Solar Power, Conjunctive use, and PIM) | <b>Amt (Rs. in Cr)</b> |
| Actual Cost of CSD  | 613.5337               |
| Total Cost of other components of project   | 1186.8738              |
| One-third cost of other components  | 395.00                 |

|   |                                      |            |                  |                      |
|---|--------------------------------------|------------|------------------|----------------------|
| ** Incremental establishment in State:                | <b>Unit</b>                          | <b>Qty</b> | <b>Rate (Rs)</b> | <b>Amt (Rs.inCr)</b> |
| Cost of services of Social Facilitators               | Ha                                   | 241796     | 750.00           | 18.1347              |
| Other incremental establishment costs                 | (1% of Structural Intervention Cost) |            |                  | 15.545               |
| Cost for the preparation of Detailed project reports. | Ha                                   | 471949     | 1360.00          | 64.18                |
|   |                                      |            | <b>Total</b>     | <b>97.8597</b>       |

| *** Capacity building of PIAs & WUAs in State: | Unit    | Qty  | Rate(Rs) | Amt(Rs.inCr) |
|--|---------|------|----------|--------------|
| Capacity building of Officials of State        | Yr.     | 4    | 1.00     | 4.00         |
| Capacity building of WUA (3 pers per WUA)      | Persons | 1449 | 5000.00  | 0.7245       |
|  |         |      | Total    | 4.7245       |

The Central and State share in the scheme for Telangana State is as follows:

| S. No        | Category                     | Central Share % | Total Cost (Rs. In Crores) | Central Share (Rs. In Crores) | State Share (Rs. In Crores) |
|--------------|------------------------------|-----------------|----------------------------|-------------------------------|-----------------------------|
| 1.           | Project Cost excluding WALMI | 60%             | 1734.458                   | 1040.6748                     | 693.7832                    |
| 2.           | Cost of WALMI                | 90%             | 50.00                      | 45.00                         | 5.00                        |
| <b>Total</b> |                              |                 | <b>1784.458</b>            | <b>1085.6748</b>              | <b>698.7832</b>             |

**VIKAS RAJ**  
**PRINCIPAL SECRETARY TO GOVERNMENT**

//forwarded by order //

**SECTION OFFICER**

**Annexure to G.O.Rt.No.966 I & CAD (MI) Department, Dated 31-07-2018.**

**Details of Major & Medium Irrigation Projects included in  
Incentivisation Scheme for Bridging Irrigation Gap (ISBIG)**

| <b>Sl.No</b> | <b>Name of the Project</b> | <b>CCA in original project in<br/>Thousand Ha</b> | <b>CCA as finalized in<br/>Thousand Ha</b> |
|--------------|----------------------------|---|--|
| 1            | Priyadarshini Jurala       | 40.16   | 8.796                                      |
| 2            | Nagarjuna Sagar            | 27.944  | 19.615                                     |
| 3            | Gundalavagu                | 1.045   | 1.045                                      |
| 4            | Alisagar LIS               | 21.77   | 6.74                                       |
| 5            | Guthpa LIS                 | 15.698  | 7.606                                      |
| 6            | AMRPSLBC                   | 89.033  | 89.033                                     |
| 7            | M.Bagareddy Singur         | 12.145  | 4.047                                      |
| 8            | Dindi                      | 5.196   | 5.196                                      |
| 9            | Nizamsagar                 | 93.66   | 13.663                                     |
| 10           | R.D.S                      | 35.425  | 26.006                                     |
| 11           | Kaddam project             | 27.591  | 12.114                                     |
| 12           | Musi                       | 12.769  | 4.267                                      |
| 13           | Asifnaher                  | 6.172   | 5.189                                      |
| 14           | Kotipallyvagu              | 3.724   | 1.498                                      |
| 15           | Ghanpur Anicut             | 8.755   | 1.966                                      |
| 16           | Pocharam                   | 4.251   | 1.545                                      |
| 17           | Koulasnala                 | 3.643   | 1.619                                      |
| 18           | Swarna                     | 3.621   | 2.221                                      |
| 19           | Vottivagu                  | 9.919   | 3.32                                       |
| 20           | N.T.R Sagar                | 2.429   | 1.62                                       |
| 21           | PP Rao                     | 4.453   | 1.417                                      |
| 22           | Sathnala                   | 9.716   | 6.356                                      |
| 23           | Upper Manair               | 5.297   | 3.071                                      |
| 24           | Shanigaram                 | 2.064   | 1.113                                      |
| 25           | Pakhal lake                | 7.365   | 2.914                                      |
| 26           | Gaddennavagu               | 5.668   | 5.668                                      |
| 27           | Taliperu                   | 9.996   | 3.116                                      |
| 28           | Nallavagu                  | 2.44  | 1.035                                      |
|              | <b>Total Ayacut</b>        | <b>471.949</b>                                    | <b>241.796</b>                             |

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